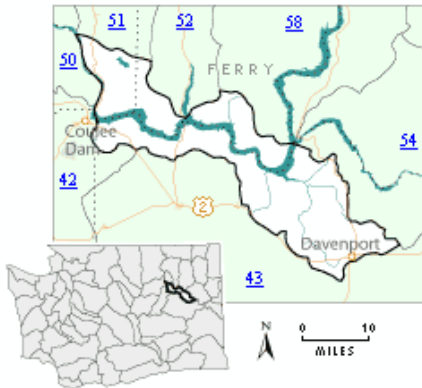


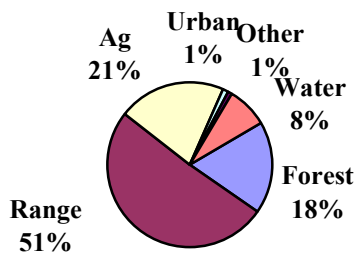
## Lower Lake Roosevelt Basin - WRIA #53



WRIA #53 encompasses about 326,198 acres. This watershed is part of the Columbia Basin and Northern Rockies ecoregions. Average annual rainfall is 11 inches.

### Demographics

#### Land use in the Lower Lake Roosevelt



#### Land Base (in acres)

Federal	8,781	2.7%
State	9,525	2.9%
Local	-0-	
Tribal	114,800	35.2%
Private	193,092	59.2%

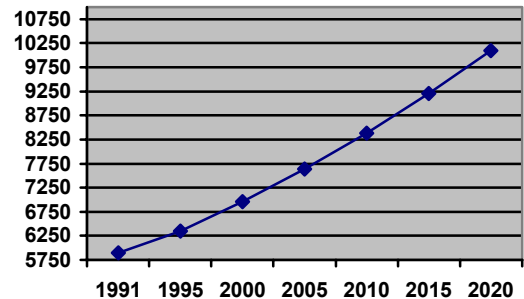
#### Principal Economic Activity (as total wages)

Agriculture/Forestry	11%
Retail Trade	14%
Services	14%
Government	43%
Other	18%

### Population

There are approximately 6,848 people living in the Lower Lake Roosevelt Basin. The primary population centers are Davenport and Coulee Dam. The majority of people live in unincorporated areas.

#### Projected population trends



### Counties

Lincoln (63%)	Ferry (23%)
Okanogan (14%)	Grant (<1%)

### Special purpose districts

Conservation Districts: Lincoln; Ferry; Okanogan

### Principal Cities

Davenport	Coulee Dam
Elmer City	Belvedere
Seatons Grove	Kootzville
Lone Pine	Lincoln

### Reservation Lands

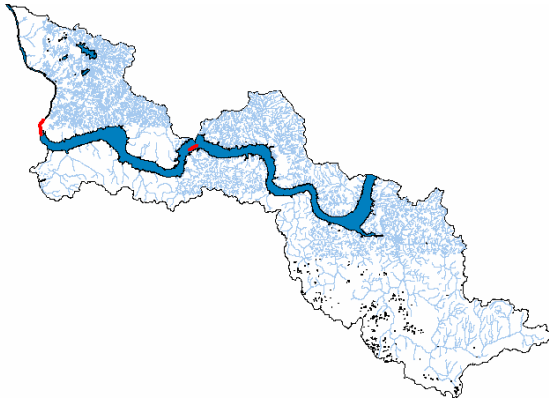
Colville Confederated Tribes

### General Landscape

The scablands and loess islands were formed as immense floods periodically broke through the ice dams blocking glacial Lake Missoula during the Pleistocene. Soils are typically deep loess on hills and foothills. Potential natural vegetation is ponderosa pine, bluebunch wheatgrass, and Idaho fescue.

## Surface Water Quality

303(d) listed waterbodies



### 1. 303(d) Listed Problem Areas

**High Temperature** in Franklin D. Roosevelt Lake

**Dissolved Oxygen** in Franklin D. Roosevelt Lake

**Sediment Bioassay** in Franklin D. Roosevelt Lake

**Total Dissolved Gas** in Columbia River

#### **Total Maximum Daily Loads**

3 TMDLs required from the 1998 303(d) list

### 2. Impacted Beneficial Uses

#### **Groundwater Quality**

Nitrates – Levels detected > 5 mg/L

Pesticides – Have not been detected in public wells.

#### **Sole Source Aquifer**

None

#### **Water Quantity**

No Concerns

#### **Air Quality**

**(From windblown dust)**

No concerns

## Public Health

### **Commercial Shellfish Growing Areas**

None

### **Domestic Water Supply**

No significant use of surface water sources

### **Salmonid Stock Status**

All Anadromous Extinct

Resident Healthy

### 3. Water Quality Programs

1. Transboundary Gas Group working on dissolved gas in Columbia River system
2. Agricultural BMP Education Project, Lincoln CD
3. On-site Sewage System Technical Assistance, Lincoln/Northeast Tri-Counties Health
4. Water Quality Implementation Program, Lincoln CD